

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017374**Date Inspected:** 26-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld is identified as 3F-020 of BK004A3-014 for BK004A-014. The welder is identified as 062755. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2133.

FCAW welding of weld is identified as 2F-013 of BK004A6-014 for BK004A-014. The welder is identified as 208632. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

FCAW welding of weld is identified as 1G-018 of BK004A2-012 for BK004A-012. The welder is identified as 062734. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-B-L1b-F-1.

FCAW welding of weld is identified as 2F-214 of BK004A7-014 for BK004A-014. The welder is identified as 062762. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control

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personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A-005

BK004A3-005-0043,059,010

BK004A4-005-032,047,073

BK004A6-005-065,082,096,090,100,073,086,063

BK004A2-005-009,010,012

BK005A-001

BK005A2-001-009,010,011

BK005A3-001-032,058,059

BK004A1-011-016,018

BK005A6-001-065,082,092,063,080,090,100,070,078,098,072,073

BK005A4-001-022,048,074

This QA inspector performed VT of welds areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a VT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A-005

BK004A6-005-004,006,009,011,003,005,008,010,025,027,037,039

BK004A8-005-004,006,009,011,025,027,037,039

BK005A-001

BK005A3-001-065,100,067,101,068,102,069,103,070,104,071,105

BK005A4-001-080,100,083,102,082,101,085,103,086,104,087,105

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

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No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Kumar,Chadra | Quality Assurance Inspector |
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| Reviewed By: | McClendon,Timothy | QA Reviewer |
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